

# PATENT ABSTRACTS OF JAPAN

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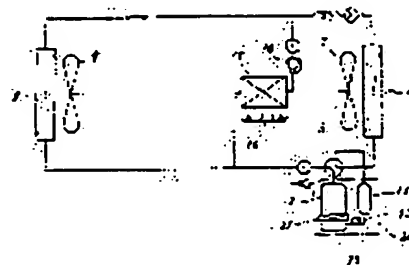
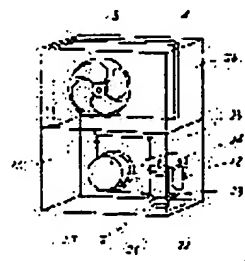
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**(54) AIR CONDITIONER**

(57)Abstract:

**PURPOSE:** To reduce the running cost by providing a compressor in the atmosphere undergoing heat from a burning cylinder of a refrigerant heater, and further providing a heater for heating the compressor and a heater control temperature detector part for controlling the heater.

CONSTITUTION: A compressor 2 includes a compressor heater 21, and a heater control temperature detector part 22 is fixed to a piping part 23 between the compressor 2 and an accumulator 12 in the vicinity of the compressor 2. The compressor is substantially maintained in its needed temperature owing to the rise of the ambient temperature of the compressor 2 and the temperature rise of a heat insulating material 24, so that the compressor heater



21 is not substantially supplied with power by the heater control temperature detector part 22. Thus, the power consumption of the compressor heater 21 is greatly reduced and hence the running cost is also reduced.

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## LEGAL STATUS

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